

ABSTRACT OF THE DISCLOSURE

A system and method for building and/or manipulating a centralized medical image quantitative information database aid in diagnosing diseases, identifying prevalence of diseases, and analyzing market penetration data and efficacy of different
5 drugs. In one embodiment, the diseases are bone-related, such as osteoporosis and osteoarthritis. Subjects' medical images, personal and treatment information are obtained at information collection terminals, for example, at medical and/or dental facilities, and are transferred to a central database, either directly or through a system server. Quantitative information is derived from the medical images, and stored in a central
10 database, associated with subjects' personal and treatment information. Authorized users, such as medical officials and/or pharmaceutical companies, can access the database, either directly or through the central server, to diagnose diseases and perform statistical analysis on the stored data. Decisions can be made regarding marketing of drugs for treating the diseases in question, based on analysis of efficacy, market penetration, and
15 performance of competitive drugs.